

PDR RID Report

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Review	CSMS	
Originator Ref	Design 1.7	
Priority	2	

Section General

Page NA

Figure Table NA

Category Name Design-CSS

Actionee HAIS

Sub Category

Subject Clarify intent as to implementing an object-oriented API

Description of Problem or Suggestion:

Each service is described by an object model. However, the implementation sections generally do not discuss whether the API implementation is planned to be an object-oriented interface that corresponds to the object model, or a functional interface. The description should state whether the implementation will directly present the object model to the user, or if not, describe the alternative API.

Originator's Recommendation

Describe whether implementation APIs will implement the object model directly. Define mechanisms that support the transport of objects or object references across APIs.

GSFC Response by:

GSFC Response Date

HAIS Response by: Forman

HAIS Schedule

HAIS R. E. Gary

HAIS Response Date 5/2/95

Concur, trying to capture our design which includes known COTS implemetations in an object framework was difficult. Our intent at CDR is not to specify true object models for COTS implemetations. We will treat the selected COTS as a black box and only model the interface/boundary classes to the COTS. The boundary classes will be implemented as an object-oriented API's, not as functional interfaces.

HAIS has formed a Release A Architecture Team (RAAT) with a charter to clarify the Release A internal and external interfaces (boundary classes for COTS and custom implementations).

Status Closed

Date Closed 5/12/95

Sponsor Broder

Attachment if any
